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na Maria Diakal

PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/632,330 TRANSMITTAL Filing Date 07/31/2003 **FORM** First Named Inventor Andrew Collins et al. Art Unit 3743 (to be used for all correspondence after initial filing) **Examiner Name** Tho V. Duong Attorney Docket Number 3041.EEM Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication • Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC ~ Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please **Terminal Disclaimer Extension of Time Request** Identify below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Charles W. Almer National Starch and Chemical Individual name Signature Date OL

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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| Complete if Known             |                                                          |  |  |
| Application Number            | 10/632,330                                               |  |  |
| Filing Date                   | 07/31/2003                                               |  |  |
| First Named Inventor          | Andrew Collins et al.                                    |  |  |
| Examiner Name                 | Tho V. Duong                                             |  |  |
| Art Unit                      | 3743                                                     |  |  |
| Attorney Docket No.           | 3041.EEM                                                 |  |  |

| METHOD OF PAYMENT (check all that apply)                                                                                                                          | FEE CALCULATION (continued) |                      |                  |      |                                                                            |          |
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| Check Credit card Money Other None                                                                                                                                |                             | 3. ADDITIONAL FEES   |                  |      |                                                                            |          |
| Order Order                                                                                                                                                       |                             |                      | nall Ent         | tity |                                                                            |          |
| Denosit                                                                                                                                                           | Fee Fee<br>Code (\$)        |                      | e Fee<br>de (\$) |      | Fee Description                                                            | Fee Paid |
| Account Number 14-0455                                                                                                                                            | 1051 13                     |                      |                  |      | Surcharge - late filing fee or oath                                        | ree raiu |
| Deposit Account National Starch and Chemi                                                                                                                         | 1052 5                      | 50 20                | 52 2             |      | Surcharge - late provisional filing fee or cover sheet                     |          |
| Name The Director is authorized to: (check all that apply)                                                                                                        |                             | 30   109             | 53 13            | 30 l | Non-English specification                                                  |          |
| Charge fee(s) indicated below Credit any overpayments                                                                                                             | 1812 2,52                   | 20   18 <sup>-</sup> | 12 2,52          | 20 F | For filing a request for ex parte reexamination                            |          |
| Charge any additional fee(s) or any underpayment of fee(s)                                                                                                        | 1804 92                     | 20* 18               | 804 92           |      | Requesting publication of SIR prior to<br>Examiner action                  |          |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.                                                                 | 1805 1,84                   | 40* 18               | 05 1,84          | 40*  | Requesting publication of SIR after<br>Examiner action                     |          |
| FEE CALCULATION                                                                                                                                                   | 1251 11                     | 10 22                | 251 5            | 55   | Extension for reply within first month                                     | 110      |
| 1. BASIC FILING FEE                                                                                                                                               | 1252 42                     | 20 22                | 252 2            | 10   | Extension for reply within second month                                    |          |
| Large Entity Small Entity                                                                                                                                         | 1253 95                     | 50 22                | 253 4            | 75   | Extension for reply within third month                                     |          |
| Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)                                                                                                                      | 1254 1,48                   | 80 22                | 254 7            | 40   | Extension for reply within fourth month                                    |          |
| 1001 770 2001 385 Utility filing fee                                                                                                                              | 1255 2,01                   | 10 22                | 255 1,0          | 005  | Extension for reply within fifth month                                     |          |
| 1002 340 2002 170 Design filing fee                                                                                                                               | 1401 33                     | 30 24                | 401 1            | 165  | Notice of Appeal                                                           |          |
| 1003 530 2003 265 Plant filing fee                                                                                                                                | 1402 33                     | 30 24                | 402 1            | 165  | Filing a brief in support of an appeal                                     |          |
| 1004 770 2004 385 Reissue filing fee                                                                                                                              | 1403 29                     | 90 24                | 403 1            | 145  | Request for oral hearing                                                   |          |
| 1005 160 2005 80 Provisional filing fee                                                                                                                           | 1451 1,51                   | 10 14                | 151 1,5          | 510  | Petition to institute a public use proceeding                              |          |
| SUBTOTAL (1) (\$)                                                                                                                                                 | 1452 11                     | 10 24                | 452              | 55   | Petition to revive - unavoidable                                           |          |
| · · · · · · · · · · · · · · · · · · ·                                                                                                                             | 1453 1,33                   | 30 24                | 53 6             | 665  | Petition to revive - unintentional                                         |          |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE                                                                                                                       |                             | 30 25                | 501 6            | 665  | Utility issue fee (or reissue)                                             |          |
| Extra Claims below Fee Paid  Total Claims X = X                                                                                                                   | 1502 48                     |                      |                  | 240  | Design issue fee                                                           |          |
| Total Claims                                                                                                                                                      | 1503 64                     |                      |                  |      | Plant issue fee                                                            |          |
| Claims — 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4                                                                                                                    | 1460 13                     | 30   14              | 460 1            | 130  | Petitions to the Commissioner                                              |          |
|                                                                                                                                                                   |                             | 50 1                 | 1807             | 50   | Processing fee under 37 CFR 1.17(q)                                        |          |
| Large Entity   Small Entity Fee Fee Fee Fee Fee Description                                                                                                       | 1806 18                     | 80   1               | 1806 1           |      | Submission of Information Disclosure Stmt                                  |          |
| Code (\$)   Code (\$)                                                                                                                                             | 8021 4                      | 40 8                 | 3021             | 40   | Recording each patent assignment per property (times number of properties) |          |
| 1202         18         2202         9         Claims in excess of 20           1201         86         2201         43         Independent claims in excess of 3 | 1809 77                     | 70 2                 | 2809 3           |      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1203 290 2203 145 Multiple dependent claim, if not paid                                                                                                           | 1810 77                     | 70 2                 | 2810 3           |      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1204 86 2204 43 ** Reissue independent claims over original patent                                                                                                | 1801 77                     | 70 28                | 301 3            | 385  | Request for Continued Examination (RCE)                                    |          |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent                                                                                         | 1802 90                     | 000 18               | 802 9            | 900  | Request for expedited examination of a design application                  |          |
| SUBTOTAL (2) (\$)                                                                                                                                                 |                             | Other fee (specify)  |                  |      |                                                                            |          |
| **or number previously paid, if greater; For Reissues, see above                                                                                                  | *Reduced                    | by Bas               | sic Filing       | g Fe | ee Paid SUBTOTAL (3) (\$) 110                                              |          |

(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) 36,731 Telephone 908-707-3738 Charles W. Almer (Attomey/Agent) Date Signature

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